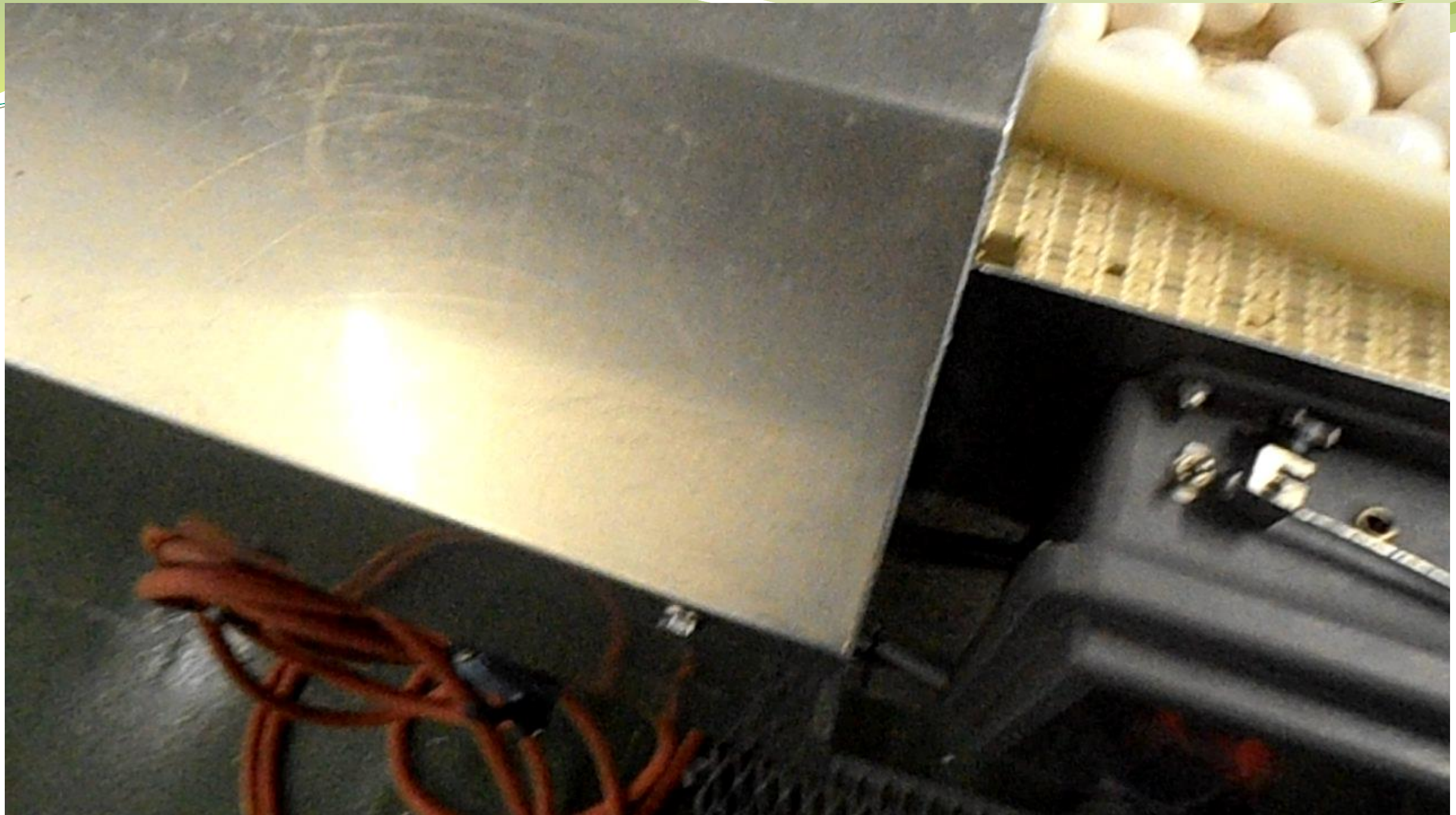


# Regulatory Update 2018

Kevin Jensen  
WSDA Pesticide Compliance  
Compliance Investigator  
360-902-2044  
kjensen@agr.wa.gov





# Discussion Topics

- **-WSDA Licensing Update**
- -Non Ag Use inspection, and Process
- -When is licensing required
- -Weather Info and Backpack Sprayer Info
- -Crossbow discussion
- -Posting treated landscapes
- -Other

# Licensing Update

**LICENSED**

# Online **Renewal** of Pesticide Licenses

	Electronic Check	Credit Card
Status	Currently available	Available December 2017
Account	Checking or Savings Account	Credit or Debit Card
Convenience Fee	\$1.00	3%

\*Renewal packets coming first week of November

# Computer-Based Testing



- Adding exam availability at testing centers

- Lower Columbia College – in progress since 2015



- Big Bend Community College – Start date 10/20/2017

# Licensing Update

## Overall Expectations for Computer Based Testing

- 1. Provide examination, administration, and scoring on a computer-based infrastructure
- 2. Provide online mechanism to schedule test dates/times
- 3. Provide a broad range of locations throughout state
- 4. Rigid security controls for handling of personal information
- 5. Maintain Olympia & Yakima locations - paper-based testing

Overall Expectations

# Licensing Update

## Computer Based Licensing Exams

- -Immediate grading of exams
- -Score provided to applicant along with:
  - Number of questions answered correctly out of total
  - Number of questions answered correctly in each category/topic
- -Exam Interface
  - Exam progress shown on-screen
  - Confirmation at completion of exam



# Computer-Based Testing

- Contact WSDA Licensing Department for further questions:
  - [License@agr.wa.gov](mailto:License@agr.wa.gov)
  - 1-877-301-4555

# Discussion Topics

- -WSDA Licensing Update
- **-Non Ag Use inspection, and Process**
- -When is licensing required
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- -Other

# Non Ag Use inspection, and Process



# Non Ag Use inspection, and Process

- Routine inspection, show credentials and work through checklist
- Request application record for application witnessed
- Discuss licensing (if required), pesticide storage, label review, etc

Introduction Location

Parties Involved

Inspector Observations

Testimony

Samples

Records

License Review

Label Review

Maps

Photos

Other Documents

Summary

Scheduled Tasks

Inspection Notes

Inspection Writeup

Inspection Management



STATE OF WASHINGTON  
 DEPARTMENT OF AGRICULTURE  
 Pesticide Management Division  
 (address of inspector)

Tracking #: \_\_\_\_\_

Use Inspection	
1. WSDA credentials presented?	<input type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A <input type="text"/>
Signature of Owner or Authorized Agent:	I hereby grant permission to the Department, its agents or representatives, to inspect or investigate as authorized.  Signature: _____
2. Is this an Ag Use or Non-Ag Use Inspection?	<input type="radio"/> Ag <input type="radio"/> Non-Ag
3. Is this a Soil Fumigation Use Inspection?	<input type="radio"/> Yes, this is Soil Fumigation <input type="radio"/> No
Date/Time inspection started	10/10/2017 8:34:23 AM
Applicators Inspected	
<b>Name</b> <small>search</small>	<b>Lic. #</b> <b>Exp.</b> <b>Category</b> <b>Cell</b> <b>Phone</b> <b>Email</b>
<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="button" value="Add Another Applicator"/>	
Customer	
Customer Name:	<input type="text"/>
Customer Address:	<input type="text"/>
Customer Phone:	<input type="text"/>

License Number: 74384

Language: English

SSN: [ ]

Name: (Prefix/First/Middle/Last/Suffix) [ ] Kevin F Jensen [ ]

Birth: 06/10/1985

E-Mail Address: kevinjensen68@gmail.com

[Send Email...](#)

[Print File Label](#)

Application Method:  Air  Ground  Chemigation  Fertigation

Status: Active

Status Set: 05/14/2007

Company	Branch or DBA	Employees	Insurance	Equipment
Address/Phone	Licenses	Endorsements	Employer/Counties	Comments *

[Send License Email...](#)

E-Mail Notification:  Postal  Email  Neither

Last Printed: Duplicate on 01/24/2017 by Moses, Lindsey

License Start: 4/26/2007

Expiration: 12/31/2017

Recip: [ ]

### License Status History

Status	Status Set	Entered By
Renewed	12/12/2016	Johnson, Rickie
Renewal Notice Sent	11/07/2016	Pesticide, Licensing Recertification
Renewed	12/24/2015	Johnson, Rickie
Renewal Notice Sent	12/04/2015	Pesticide, Licensing Recertification
Renewed	01/13/2015	Gubbe, Julie

[Add New Status](#)

### Suspension Period

[Add Suspension Period](#)

### Recert Period History

Start	End
2015	2019
2013	2017

# Discussion Topics

- -WSDA Licensing Update
- -Non Ag Use inspection, and Process
- **-When is licensing required**
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- -Crossbow discussion
- -Posting treated landscapes
- -Other



# When is Licensing Required?



# When is Licensing Required?

- RCW 17.21.220 - Application of chapter to governmental entities—  
**Public operator license required**
  - (1) All state agencies, municipal corporations, and public utilities or any other governmental agencies are subject to this chapter and its rules.
  - **(2) It is unlawful for any employee of a state agency, municipal corporation, public utility, or any other government agency to use or to supervise the use of any restricted use pesticide, or any pesticide by means of an apparatus**

# When is Licensing Required?

## Definition of Apparatus RCW 17.21.020

- What an Apparatus is:
  - Any type of ground, water or aerial equipment
  - Motorized device
  - Power equipment
  - To apply pesticides on land or anything growing
- What an Apparatus is **NOT**:
  - Pressurized hand size devices of which the person applying the pesticide is the source of power or energy

Boom Height:	
Boom Length:	
Swath Width:	
Sprayer Speed (ground speed in MPH):	
Is this application done by Chemigation?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>

**Required System Safety Devices for Chemigation Applications**

4. Does the system contain a functional check valve?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
5. Does the system contain a vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
6. Does the system contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. (on the pesticide injection pipeline)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
7. Does the system contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock (On the pesticide injection pipeline)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
8. Does the system contain a functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
9. Does the system contain a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
10. Does the system contain a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump)?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>

**Apparatus Information**  Yes  No  NFR  NI  N/A

11. Is the apparatus in good repair?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
12. Is the name and telephone number of the applicator or the applicator's employer on any power application apparatus for landscape applications?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
13. Is this a Right of Way application?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
14. If so, do they display the name and telephone number of the applicator or the applicator's employer and the words "VEGETATION MANAGEMENT APPLICATION" on any power application apparatus?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
15. Are apparatus display signs attached to, prominently displayed and and clearly visible?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
16. Is the lettering of the apparatus display signs a minimum, two inches in height and printed in color contrasting to the background?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>
17. Are apparatus license plates attached to and prominently displayed on the apparatus?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NFR <input type="radio"/> NI <input type="radio"/> N/A <input type="text"/>

# When is Licensing Required?

- **Apparatus Display Sign Requirements – WAC 16-228-1550**
- (1) A certified applicator making a **landscape application**
  - Display the name and telephone number of the applicator or
  - Applicator's employer on any power equipment.
- (2) A certified applicator making a **right of way application**
  - Requirements of (1)
  - Display "VEGETATION MANAGEMENT APPLICATION."

WASHINGTON STATE DEPARTMENT OF  
VEGETATION MANAGEMENT APPLICATION



# When is Licensing Required?

- (3) Apparatus display signs
  - Attached to and prominently displayed on the application apparatus
  - Shall be clearly visible.
- (4) Lettering of the apparatus display signs shall be
  - Two inches in height and shall be printed in color contrasting to the background.





# Examples of Restricted Use Pesticide



# Tordon® RTU

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information see inside this label.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warnings, Disclaimers, Inherent Risks of Use, and

## Specialty Herbicide

For controlling unwanted trees via cut surface treatments in forests and non-cropland areas such as fencerows, roadsides, and utility rights-of-way.

Not for sale, distribution or use in Suffolk Counties in New York State

### Active Ingredient(s):

- picloram: 4-amino-3,5,6-trichloro-2-isopropylamine salt.....
- 2,4-dichlorophenoxyacetic acid, trisopropylamine salt.....

### Other Ingredients

Total .....

### Acid equivalents:

- picloram - 3.0%
- 2,4-dichlorophenoxyacetic acid - 11.2%

**Keep Out of Reach of Children  
CAUTION**

900-016948 / 00117982

**MADE IN MEXICO**

®Trademark of Dow AgroSciences LLC

Produced for Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268



Net Contents 1 qt

# Rodeo®

## Herbicide

For control of annual and perennial weeds and woody

**Keep Out of Reach of Children  
CAUTION**

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

For additional Precautionary Statements, First Aid, Storage and other use information see inside this label.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warnings, Disclaimers, Inherent Risks of Use, and

Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-324

EPA Est. 34704-MS-01  
900-018361 / 00171701

®Trademark of Dow AgroSciences LLC

Produced for Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

**Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops, desirable plants and trees, because severe injury or destruction may result.**

Group	9	HERBICIDE
Active Ingredient:		
glyphosate† N-(phosphonomethyl)glycine,		
isopropylamine salt .....		53.8%
Other Ingredients .....		46.2%
Total .....		100.0%

†Contains 5.4 lb per gallon glyphosate, isopropylamine salt (4 lb per gallon glyphosate acid).

# RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



Dow AgroSciences

# Lorsban®-4F

## Federal Restricted Use Pesticide RUP

### INSECTICIDE

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

For control of listed insects infesting certain field, fruit, nut, and vegetable crops.

Group	1B	INSECTICIDE
-------	----	-------------

**Active Ingredient:**

chlorpyrifos: O,O-diethyl-O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate ..... 44.9%

Other Ingredients..... 55.1%

Total ..... 100.0%

Contains 4 lb of chlorpyrifos per gallon.

Contains petroleum distillates.

### Precautionary Statements

#### Hazard to Humans and Domestic Animals

EPA Reg. No. 62719-220

# RESTRICTED USE PESTICIDE

DUE TO AVIAN AND AQUATIC TOXICITY

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

# Diazinon AG500

For control of certain insects on fruits,

methy-4-pyrimidinyl phosphorothioate . . . . .	46.0%
INERT INGREDIENTS* . . . . .	52.0%
TOTAL . . . . .	100.0%

Contains 4 lbs. diazinon per gallon.

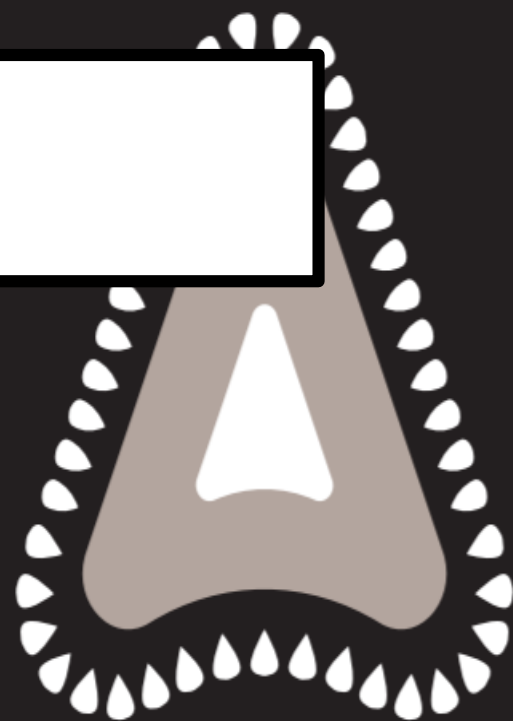
\*Contains xylene range aromatic solvent.

EPA Reg. No. 66222-9 EPA Est. No. 67545-AZ-001

## KEEP OUT OF REACH OF CHILDREN CAUTION

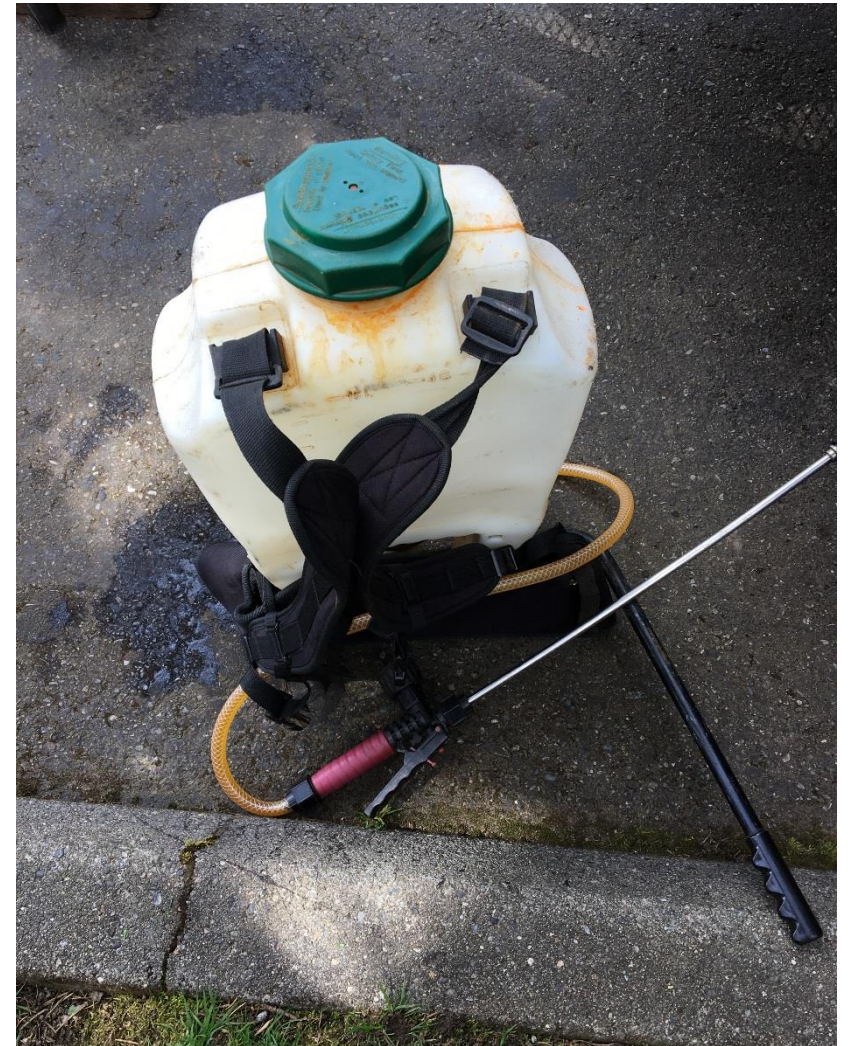
See First Aid, precautionary statements and directions for use inside booklet.

How can we help? 1-866-406-6262



### INSECTICIDE

# Examples of Equipment Used

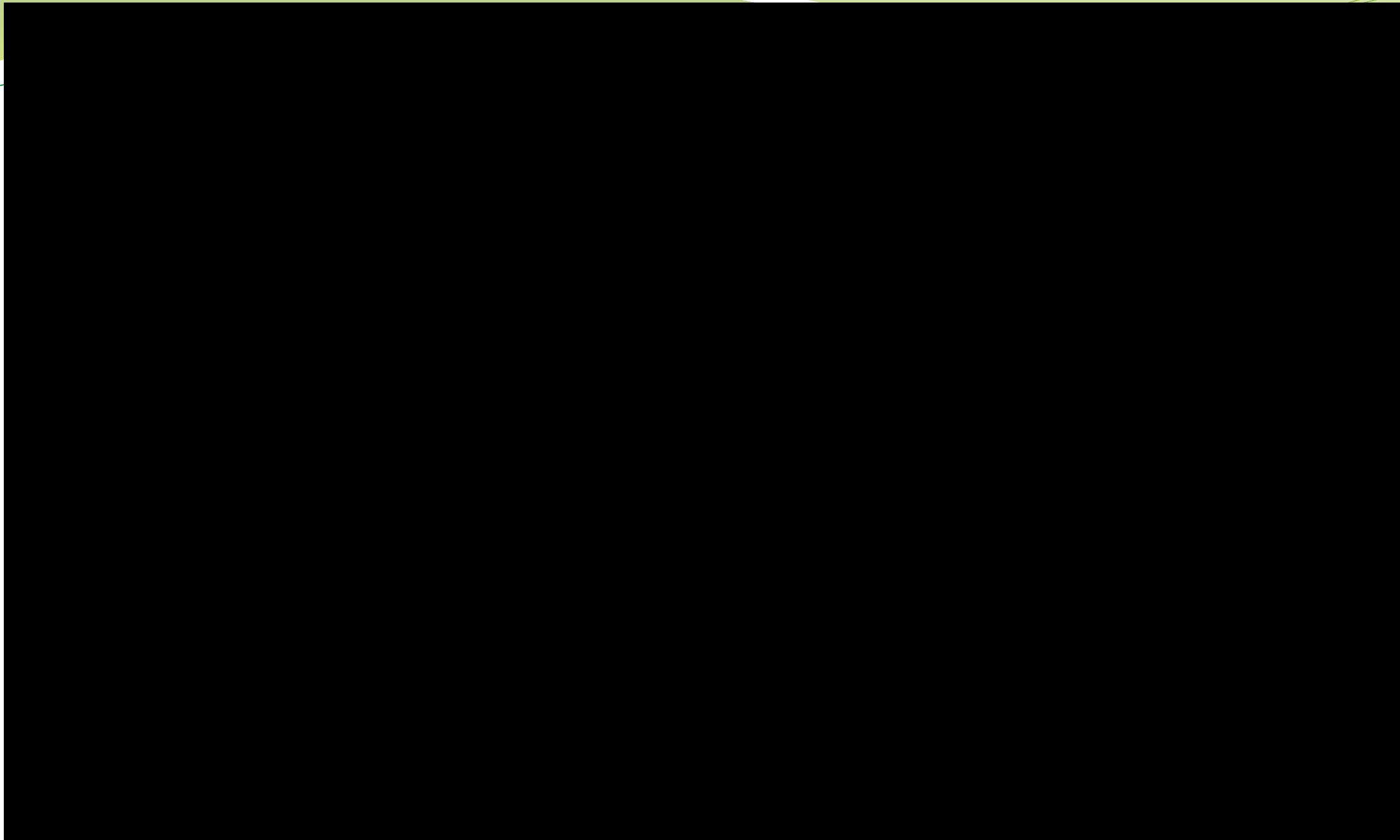


# Examples of Equipment Used



# Examples of Equipment Used





Customer Cell:

Customer Email:

Application address or exact location:

**Type of Establishment**

Type of Establishment:  Farm  Forest  Nursery  
 Greenhouse  Commercial Applicator

**Pesticide Use Information**

Pesticide Name <a href="#">Search</a>	EPA Reg. No.	Rate	Concentr.	Site	App. Method	Distance to Water	ESB
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Add Another Product (Use Inspection)

**Weather Conditions**

What were the weather conditions at time of application?

How, when and where were weather conditions measured?

Wind Speed:

Wind Direction:

Air Temperature

Were inversion conditions present at the time of application?  Yes  No  NFR  NI  N/A

**Application Equipment**

Nozzle Type:

Nozzle Size:

Nozzle pressure & where measured (boom, pump, etc.):

Nozzle Spacing:

Droplet Size:

Nozzle Orientation:



# Pesticides Must Be Registered with WSDA for Distribution

- PICOL is a great tool to check pesticide registration for Dealer-Managers



WSPRS

Pesticide Information Center Online

PICOL Simple Search

Advanced Search

[PICOL Tutorials on YouTube](#)

[Dictionaries](#)

[1-502/1-692 Info](#)

[ESSB-6206 Info](#)

State  WA  OR

Year of registration  Current year only  All years

Item to search on

Operator

Common Name

EPA Number



EQ



blank



Submit Query

New Query

# Discussion Topics

- -WSDA Licensing Update
- -Non Ag Use inspection, and Process
- -When is licensing required
- **-Weather Info and Backpack Sprayer Info**
- -Crossbow discussion
- -Posting treated landscapes
- -Other

Customer Cell:	<input type="text"/>
Customer Email:	<input type="text"/>
Application address or exact location:	<input type="text"/>

**Type of Establishment**

Type of Establishment:	<input type="radio"/> Farm <input type="radio"/> Forest <input type="radio"/> Nursery <input type="radio"/> Greenhouse <input type="radio"/> Commercial Applicator
------------------------	---

**Pesticide Use Information**

Pesticide Name <a href="#">Search</a>	EPA Reg. No.	Rate	Concentr.	Site	App. Method	Distance to Water	ESB
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Add Another Product (Use Inspection)

**Weather Conditions**

What were the Weather Conditions at time of application?	<input type="text"/>
How, when and where were weather conditions measured?	<input type="text"/>
Wind Speed:	<input type="text"/>
Wind Direction:	<input type="text"/>
Air Temperature	<input type="text"/>
	<input type="radio"/> 100 <input type="radio"/> 75 <input type="radio"/> 50 <input type="radio"/> 25 <input type="radio"/> N/A

**Application Equipment**

Nozzle Type:	<input type="text"/>
Nozzle Size:	<input type="text"/>
Nozzle pressure & where measured (boom, pump, etc.):	<input type="text"/>
Nozzle Spacing:	<input type="text"/>
Droplet Size:	<input type="text"/>
Nozzle Orientation:	<input type="text"/>

# Weather Information Estimated at Site of Pesticide Application



# Backpack & Hand Held Sprayer Calibration

- Step #1
  - Measure out and mark with turf paint or marking flags a **20ft. x 50 ft. area (1,000 sq. ft.)**
  - Fill your sprayer with 2 gallons of water (no chemical)

# Backpack & Hand Held Sprayer Calibration

- Step #2
  - Spray the marked off area
  - Remember to spray the marked off area just as you would when applying product.
  - Determine the amount of water sprayed out
  - Result is your spray rate per 1,000 sq. ft.



18. If the apparatus license plate is not exteriorly visible, do they have a department issued sticker affixed to the lower left side of the windshield?

Yes  No  NFR  NI  N/A

**Label Information**  Yes  No  NFR  NI  N/A

9. Is the pesticide label(s) available?

Yes  No  NFR  NI  N/A

10. Is a Supplemental Label Required for this application?

Yes  No  NFR  NI  N/A

11. Is the supplemental Label on hand?

Yes  No  NFR  NI  N/A

12. Did the person applying the pesticide read and understand the label?

Yes  No  NFR  NI  N/A

13. Were all label requirements followed?

Yes  No  NFR  NI  N/A

14. Is the MSDS available?

Yes  No  NFR  NI  N/A

**PPE**  Yes  No  NFR  NI  N/A

25. Did the applicator make available the necessary safety equipment in proper working order and advise employees on its use to meet the safety requirements of the pesticide label?

Yes  No  NFR  NI  N/A

26. Was the appropriate PPE worn?

Yes  No  NFR  NI  N/A

27. Was the condition of the PPE adequate?

Yes  No  NFR  NI  N/A

28. Was PPE cleaned and stored properly?

Yes  No  NFR  NI  N/A

29. Were pesticide containers secured as required?

Yes  No  NFR  NI  N/A

30. Are good generally accepted housekeeping practices maintained for all pesticides and their containers?

Yes  No  NFR  NI  N/A

31. Are Pesticides stored as required?

Yes  No  NFR  NI  N/A

32. Are pesticide storage areas posted as required?

Yes  No  NFR  NI  N/A

33. Are all containers used for pesticide mixtures, other than those in an apparatus, appropriately labeled identifying the contents as a pesticide, and includes the active ingredient, and appropriate restrictions and precautions?

Yes  No  NFR  NI  N/A



# Label and SDS Book

**Loveland PRODUCTS**

# LI 700®

LECI-TECH INSIDE

**PENETRANT • ACIDIFIER  
DEPOSITION AID • DRIFT CONTROL AGENT**

Legal Functioning Agents:  
Phosphatidylcholine, methylnacetic acid and alkyl polyoxyethylene ether..... 80%  
Constituents Ineffective as Spray Adjuvant..... 20%  
TOTAL..... 100%

CA Reg. No. 34704-50035  
WA Reg. No. 34704-0007

## KEEP OUT OF REACH OF CHILDREN DANGER

**Precautionary Statements: DANGER – Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or face shield) and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.**

**Personal Protective Equipment:** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, coveralls worn over long-sleeved shirt and long pants, and chemical-resistant footwear plus socks.

**First Aid: If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If on skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NET CONTENTS:**

30 GAL. (113.5 L)

275 GAL. (1040.87 L)

GAL. ( ) L

Loveland Products, Inc. • PO Box 1286 • 80632-1286

**ATTENTION:**  
This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- We should not have any use of a similar product on the premises. Instructions for use of other information you have.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

211431-1-57

# Roundup CUSTOM™

FOR AQUATIC & TERRESTRIAL USE

TRUPELLIE ADVANTAGE

## Complete Directions for Use

Roundup Custom™ for Aquatic and Terrestrial Use is a complete broad-spectrum postemergence herbicide for aquatic, crop, non-agricultural crop, industrial, turf, ornamentals, forestry, roadside, and utility rights-of-way woodcut.

EPA Reg. No. 524-343 2012-2

GROUP 0 HERBICIDE

**AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.**

Read the entire label before using this product.  
Use only according to label instructions.  
Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.  
Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.  
THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

## 1.0 INGREDIENTS

**ACTIVE INGREDIENT:**

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....	53.8%
OTHER INGREDIENTS.....	46.2%
	100.0%

\*Contains 648 grams per liter or 5.4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 480 grams per liter or 4.0 pounds per U.S. gallon of the acid, glyphosate.  
No license granted under any non-U.S. patent(s).

## 2.0 IMPORTANT PHONE NUMBERS

FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL-FREE, 1-800-332-3111.  
IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL COLLECT DAY OR NIGHT, (314) 684-4000.

## 3.0 PRECAUTIONARY STATEMENTS

### 3.1 Hazards to Humans and Domestic Animals

Keep Out of Reach of Children.

### CAUTION!

**DOMESTIC ANIMALS:** This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

**Personal Protective Equipment (PPE)**  
Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes and socks. Follow manufacturer's instructions for cleaning/maintaining PPE (if you have one). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.  
Engineering Control Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)-(4)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations:

Users should:  
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.  
• Remove contaminated clothing and wash clothing before reuse.

## 3.2 Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants. This oxygen loss can cause fish suffocation.  
In case of SPILL or LEAK, soak up and remove to a landfill.

## 3.3 Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, fiberglass, plastic or plastic-lined steel containers.  
DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separately published Monsanto Supplemental Labeling or Fact Sheets. Supplemental labeling can be found on the internet at [www.cdms.net](http://www.cdms.net), [www.agrian.com](http://www.agrian.com) or [www.greenbook.net](http://www.greenbook.net) websites but may not be approved for use in all states. Copies can also be obtained by contacting your Authorized Monsanto Retailer or Monsanto Company Representative.  
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any

# Unlabeled Pesticide Containers

- WAC 16-228-1320 (11)
- “..... **All containers used for pesticide mixtures**, other than those in an apparatus, shall have a label identifying the **contents as a pesticide, the active ingredient, and appropriate restrictions and precautions.....**”



03/17/2016 14:16

18. If the apparatus license plate is not exteriorly visible, do they have a department issued sticker affixed to the lower left side of the windshield?  Yes  No  NFR  NI  N/A

**Label Information**  Yes  No  NFR  NI  N/A

19. Is the pesticide label(s) available?  Yes  No  NFR  NI  N/A

20. Is a Supplemental Label Required for this application?  Yes  No  NFR  NI  N/A

21. Is the supplemental Label on hand?  Yes  No  NFR  NI  N/A

22. Did the person applying the pesticide read and understand the label?  Yes  No  NFR  NI  N/A

23. Were all label requirements followed?  Yes  No  NFR  NI  N/A

24. Is the MSDS available?  Yes  No  NFR  NI  N/A

**PPE**  Yes  No  NFR  NI  N/A

25. Did the applicator make available the necessary safety equipment in proper working order and advise employees on its use to meet the safety requirements of the pesticide label?  Yes  No  NFR  NI  N/A

26. Was the appropriate PPE worn?  Yes  No  NFR  NI  N/A

27. Was the condition of the PPE adequate?  Yes  No  NFR  NI  N/A

28. Was PPE cleaned and stored properly?  Yes  No  NFR  NI  N/A

**Pesticide Containers and Storage Requirements**  Yes  No  NFR  NI  N/A

29. Were pesticide containers secured as required?  Yes  No  NFR  NI  N/A

30. Are good generally accepted housekeeping practices maintained for all pesticides and their containers?  Yes  No  NFR  NI  N/A

31. Are Pesticides stored as required?  Yes  No  NFR  NI  N/A

32. Are pesticide storage areas posted as required?  Yes  No  NFR  NI  N/A

33. Are all containers used for pesticide mixtures, other than those in an apparatus, appropriately labeled identifying the contents as a pesticide, and includes the active ingredient, and appropriate restrictions and precautions?  Yes  No  NFR  NI  N/A

# Pesticide Storage



# Pesticide Storage



# Pesticide Storage



# Pesticide Storage



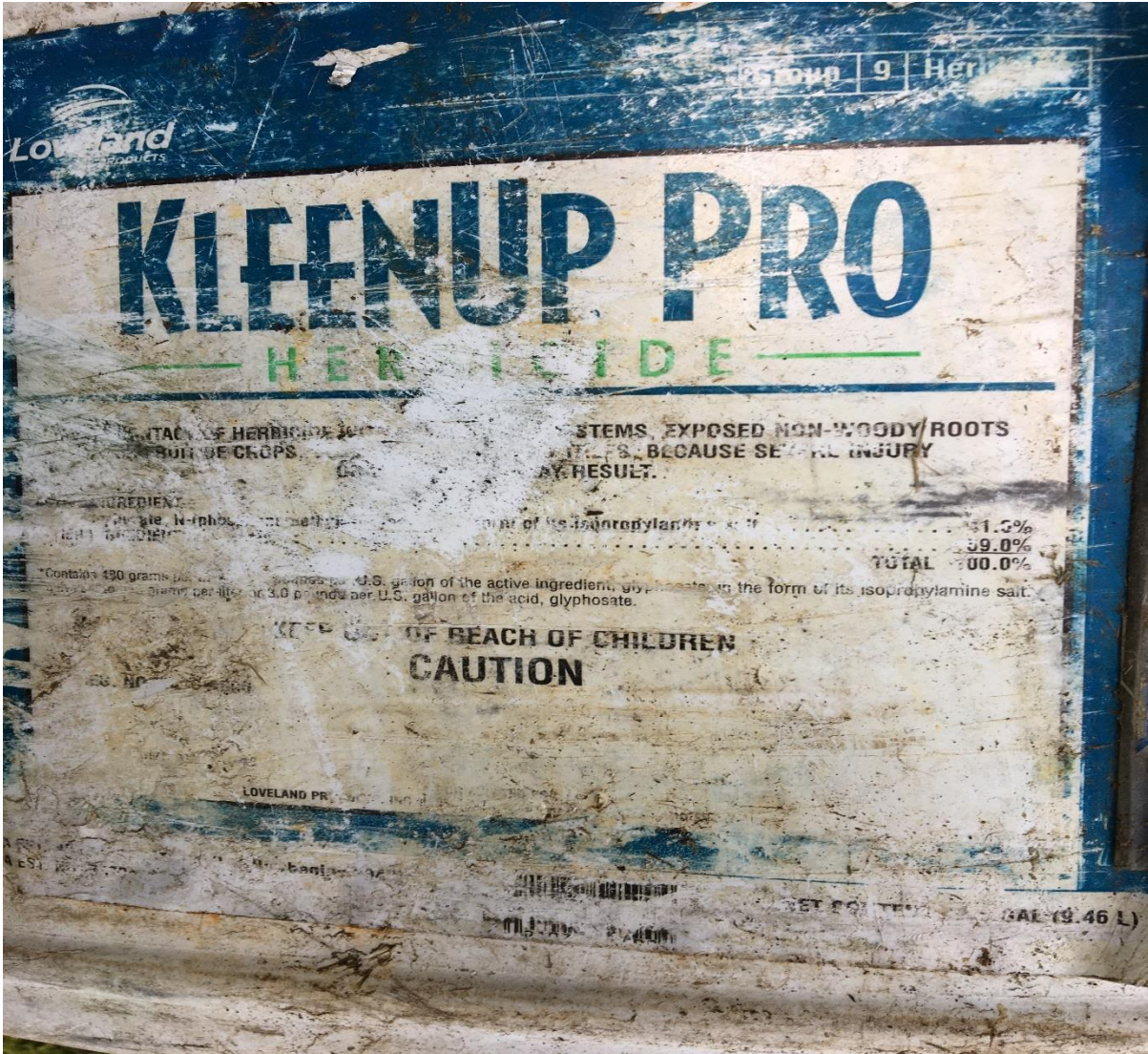


# Non Ag Use inspection Case Study April 2017

- Commercial Operator making landscape applications around multifamily unit housing complex
- Complaint from daycare workers that witnessed pesticide application near playground with kids
- Pesticide storage issues



# Non Ag Use Inspection



# Final Actions by WSDA

- Notice of Correction to Commercial Applicator and Commercial Operator for the following:
  - No SDS sheets available during inspection
  - No landscape markers (flags) placed at the main points of entry
  - Poor housekeeping in pesticide storage area of landscape trailer
  - Pesticides were not secure by laying in the lawn
  - Pesticide containers were missing labeling, Commercial Operator was unsure what was in them
  - Application records were missing several things such as weather information

34. Are pesticide containers properly disposed?

Yes  No  NFR  NI  N/A

35. Is pesticide rinsate properly disposed?

Yes  No  NFR  NI  N/A

**Application Records**  Yes  No  NFR  NI  N/A

36. Were Pesticide Application Records Requested?

Yes  No  NFR  NI  N/A

37. Do application records accurately record all of the necessary information?

Yes  No  NFR  NI  N/A

**Other Items**  Yes  No  NFR  NI  N/A

38. Was this application made under a WSDA Permit?

Yes  No  NFR  NI  N/A

39. If yes list Permit # and Type of permit

40. Do statewide regulations apply?

Yes  No  NFR  NI  N/A

41. Do County Pesticide rules apply?

Yes  No  NFR  NI  N/A

42. Does Pesticide Sensitive Register Apply?

Yes  No  NFR  NI  N/A

43. If yes did notification take place?

Yes  No  NFR  NI  N/A

44. Was the landscape properly posted at the time of the application?

Yes  No  NFR  NI  N/A

45. Do WDO rules apply to this application?

Yes  No  NFR  NI  N/A

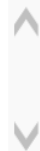
46. Does WPS apply to this application?

Yes  No  NFR  NI  N/A

47. Were Pollinator Protection Requirements followed?

Yes  No  NFR  NI  N/A

Comments:






STATE OF WASHINGTON  
DEPARTMENT OF AGRICULTURE  
Pesticide Management Division

P.O. Box 42560 Olympia, Washington 98504-2560 Branch Phone: 360-902-2040 Toll-free: 1-877-301-4555 Fax: 360-902-2093

RECORDS REQUEST

Date: April 28, 2017  
Name: Some Landscape Company  
Address: ATTN: The Boss  
P.O. Box 123456789  
Tumwater, WA 98311

<b>CERTIFICATE OF SERVICE</b>	
I certify that I caused to be Emailed a copy of these documents to the within-named interested parties, on Date: <u>4/28/2017</u>	
(Signature) 	
(Printed Name) <u>Kevin Jensen</u> Representative, Washington State Department of Agriculture	

THIS IS AN OFFICIAL REQUEST FOR YOUR RECORDS, WHICH YOU ARE REQUIRED TO KEEP IN ACCORDANCE WITH:

Pesticide Application Records: RCW 17.21.100 and WAC 16-228-1320

**[SUBMIT RECORDS ON WSDA ADOPTED OR APPROVED RECORDKEEPING FORM]**

This records request is in regard to:

Name of Customer:	<u>Some Place Sprayed</u>	Name of Applicator (if different):	<u>Pesticide Applicator</u>
Pesticide(s):	<u>All</u>	Fertilizer(s):	<u>N/A</u>
Crop:	<u>N/A</u>	Site:	<u>Landscape</u>
Location:	<u>1234567 road Tumwater, WA</u>	Date of Application:	<u>April 27, 2017</u>
Date of Distribution:	<u>N/A</u>	Date of Structural Inspection:	<u>N/A</u>

Notes: Dear Mr. The Boss, please provide pesticide applications records for Some Place Sprayed, made by Mr. Applicator on April 27, 2017.

The record(s) indicated above must be submitted no later than 05/08/2017. Mail or Email them to the address below:

WSDA, Attention: Kevin Jensen  
P.O. Box 42560 Olympia, Washington 98504-2560 Branch Phone: 360-902-2040 Toll-free: 1-877-301-4555 Fax: 360-902-2093

Email: kjensen@agr.wa.gov

If this request does not apply to you please check the reason below and return the form to the address above.

No application made  No distribution  No bulk storage  No structural inspection  Other - Please Explain:

WSDA Representative: Kevin Jensen Mail to the ATTN of: Kevin Jensen

Applicator/Dealer/Distributor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PLEASE SIGN & RETURN A COPY WITH YOUR RECORDS



# PESTICIDE APPLICATION RECORD (Version 4)

Washington State Department of Agriculture  
Pesticide Management Division  
PO Box 42560  
Olympia WA 98504-2560  
(877) 301-4555

NOTE: This form must be completed same day as the application and it must be retained for 7 years (Ref. chapter 17.21 RCW)

A. Date of Application - Year: 2016 Month: October Day: 11

B. Firm Name: [Redacted] Telephone No.: [Redacted]

Commercial Applicator's Name: [Redacted] License No.: [Redacted]

Street Address: [Redacted] City: Puyallup State: WA Zip: 98372

C. Name of person(s) who applied the pesticide: [Redacted]

License No(s): [Redacted]

D. Pesticide Information (list all information for each pesticide including spray adjuvants (buffer, surfactant, dye, etc.) in the tank mix):

Full Product Name	EPA Reg. No.	Concentration Amount: (Lbs., Qts., etc.) of brand per 100 gallons of tank mix. Amount and unit must be specified.
<u>Garion 4 Ultra</u>	<u>627-19-527</u>	<u>32 oz. Per 50 gallons</u>
<u>R-11</u>	<u>n/a</u>	<u>8 oz. Per 50 gallons</u>

E. Application crop or site: Dirt area behind East fence to cliff break - Blackberries F. Apparatus License Plate No. [Redacted]

G. Record the following information for the specific conditions during each application:

	CUSTOMER (a) full name (b) complete address	AMOUNT APPLIED (gals. of mix)	* AREA TREATED (sq. ft., etc.)	START & STOP TIME	TEMP F°	WIND	
						DIR	VEL (mph)
1. a)	<u>[Redacted]</u>	<u>3</u>	<u>1000</u>	<u>8:04-9:18AM</u>	<u>45</u>	<u>S</u>	<u>0-2</u>
b)	<u>[Redacted]</u>						
2. a)	<u>* Area measures 1000 square feet - treated area totals</u>						
b)	<u>1000 square feet - Backpack/spot treatment application only</u>						
3. a)							
b)							

**THAT LOOK YOU GIVE**



**WHEN WSDA SHOWS UP FOR AN INSPECTION**



# Discussion Topics

- -WSDA Licensing Update
- -Non Ag Use inspection, and Process
- -When is licensing required
- -Weather Info and Backpack Sprayer Info
- **-Crossbow discussion**
- -Posting treated landscapes
- -Other

34. Are pesticide containers properly disposed?

Yes  No  NFR  NI  N/A

35. Is pesticide rinsate properly disposed?

Yes  No  NFR  NI  N/A

**Application Records**  Yes  No  NFR  NI  N/A

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**Other Items**  Yes  No  NFR  NI  N/A

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Yes  No  NFR  NI  N/A

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43. If yes did notification take place?

Yes  No  NFR  NI  N/A

44. Was the landscape properly posted at the time of the application?

Yes  No  NFR  NI  N/A

45. Do WDO rules apply to this application?

Yes  No  NFR  NI  N/A

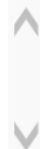
46. Does WPS apply to this application?

Yes  No  NFR  NI  N/A

47. Were Pollinator Protection Requirements followed?

Yes  No  NFR  NI  N/A

Comments:



# 2,4,D and Triclopyr Herbicide Issues

- Continuing to receive complaints every year
- When used in landscapes, and road sides:
  - Volatilization and weather
  - Smell
    - Carrier in herbicide that causes several symptoms

# Common Product Used



## Crossbow®

### Specialty Herbicide

#### Low Volatile Weed and Brush Herbicide

For the control of most kinds of unwanted trees and brush, as well as annual and perennial broadleaf weeds on rangeland, permanent grass pastures, conservation reserve program (CRP) acres, fence rows, non-irrigation ditchbanks, roadsides, other non-crop areas and industrial sites

#### Active Ingredient(s):

2,4-dichlorophenoxyacetic acid, butoxyethyl ester.....	34.4%
triclopyr BEE: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester .....	16.5%
Other Ingredients .....	49.1%
Total .....	100.0%

Contains Petroleum Distillates

Acid Equivalents: 2,4-dichlorophenoxyacetic acid - 23.7% - 2 lb/gal  
triclopyr - 11.9% - 1 lb/gal

EPA Reg. No. 62719-260

**Keep Out of Reach of Children**

**CAUTION**

# Case Study with Crossbow

- Property owner making Crossbow applications around commercial property (Apartment complex.)
- Controlling weeds in landscape beds and fence lines
- Morning application in July

# Case Study with Crossbow

- Tenant claimed the following symptoms from application:
  - Coughing
  - Burning throat
  - Headache
  - Terrible smell in apartment
  - Feeling of suffocation
  - Talking about things in a manner never spoken before

# Case Study with Crossbow



# Final Actions by WSDA

- No action from WSDA
  - No evidence to show drift or entrance into apartment
- WA State Department of Health still investigating complaint



# Don't Forget About Pesticide Sensitive Individuals!

- PSI Packets of information are mailed out every January and June of each year
- There are changes EVERY mailing
- Required to notify at least 2 hours ahead of pesticide applications
- Landscape – Adjacent to PSI properties
- Right of Way –  $\frac{1}{4}$  mile of PSI property



# Case Study Applicator Inspection September 2017

- Applicator Inspection
- WSDA randomly driving by watching applicators prepare to treat a site under a powerline right of way
- Commercial application company contracted with Bonneville Power Company to control blackberries

# Applicator Inspection



# Applicator Inspection



# Final Actions by WSDA

- Notice of Correction issued to the Commercial Applicator and Commercial Operator for the following:
- No license plate on powered equipment
- No “Vegetation Management Sign” on right of way equipment
- Poor housekeeping in pesticide storage area of pickup
- Pesticides cannot be stored with food or feed

**are you  
still  
awake?**

# Discussion Topics

- -WSDA Licensing Update
- -Non Ag Use inspection, and Process
- -When is licensing required
- -Weather Info and Backpack Sprayer Info
- -Crossbow discussion
- **-Posting treated landscapes**
- -Other

# Posting Treated Landscapes

- Common problem for all types of company's and pesticide applicators
- Most landscapes must be posted (RCW 17.21.410) including but not limited to the following at the main points of entry:
  - Residential property
  - Commercial property
  - Golf course
  - Schools/day cares
  - Parks, cemeteries, and rest-stops



# Posting Treated Landscapes

- Posting markers shall be:
  - Four inches by five inches
  - "THIS LANDSCAPE HAS BEEN TREATED BY" as the headline and
  - "FOR MORE INFORMATION PLEASE CALL" as the footer.

# Posting Treated Landscapes

- The company name and service mark shall be included between the headline and the footer on a marker
- The applicator's telephone number where information can be obtained about the application shall be included in the footer of the marker.
- Markers shall be printed in colors contrasting to the background

# Correct Posting Markers Must Be Used



# Correct Posting Markers Must Be Used



# Discussion Topics

- -WSDA Licensing Update
- -Non Ag Use inspection, and Process
- -When is licensing required
- -Weather Info and Backpack Sprayer Info
- -Crossbow discussion
- -Posting treated landscapes
- **-Other**

# West Seattle Linden Tree Cases

- Several calls this year about dead/dying bumble bees in West Seattle
- At least one site visit
- Citizens worried about bees

# West Seattle Linden Tree Cases

- Complainant questioned WSDA if City of Seattle was spraying
- WSDA contacted City of Seattle Urban Forestry and Arborist Dept to confirm species of trees









## Marijuana Infused Edibles

# Marijuana Update

2018: WSDA Supplemental Budget Proposal.

- Support for Industrial Hemp Research Pilot Program.

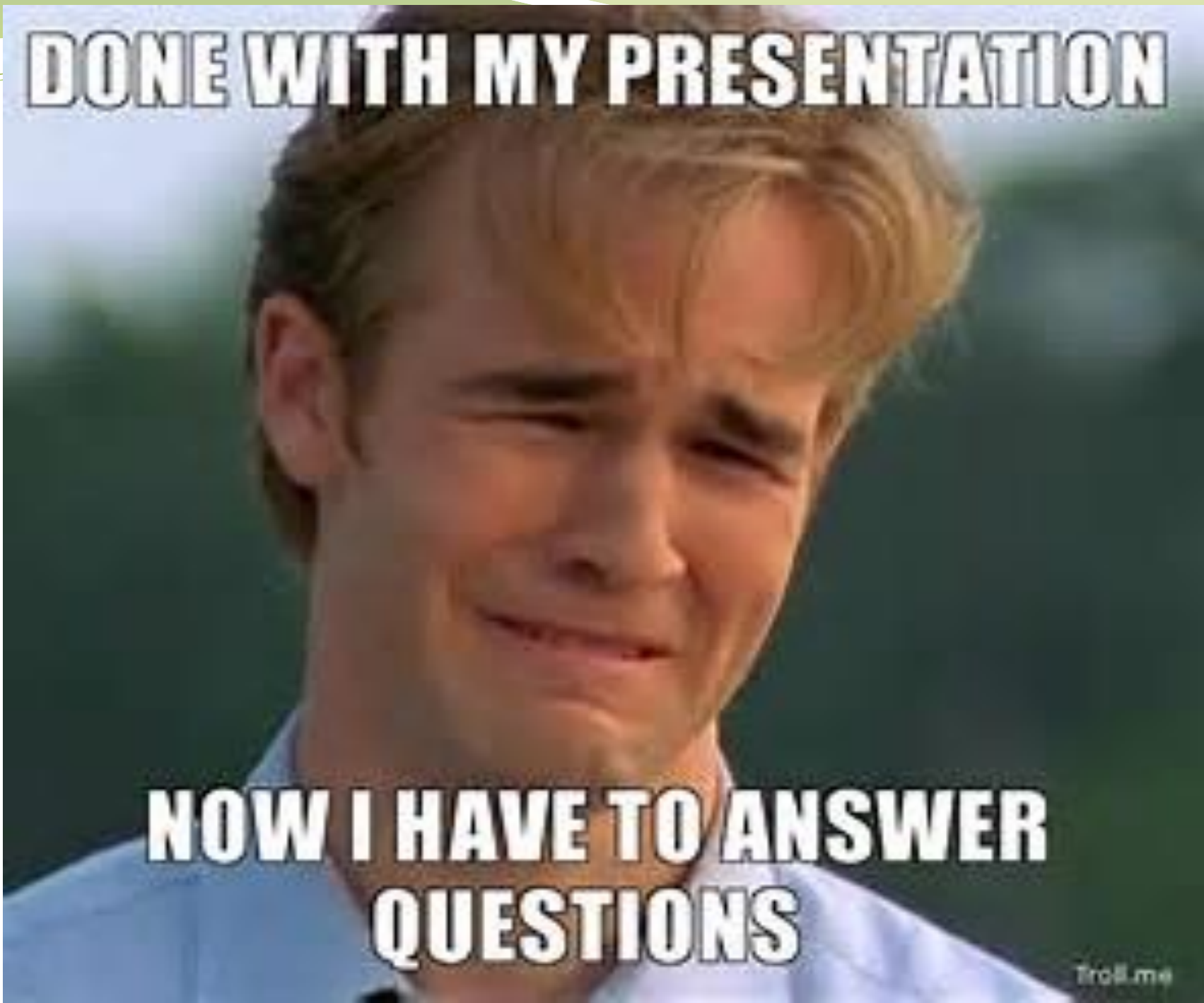
# Washington State Insect



Significance?

Green Darner Dragonfly

**DONE WITH MY PRESENTATION**



**NOW I HAVE TO ANSWER  
QUESTIONS**

# Questions?

Kevin Jensen  
WSDA Pesticide Compliance  
Pesticide Investigator  
360-902-2044  
[kjensen@agr.wa.gov](mailto:kjensen@agr.wa.gov)

